

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| | | display and (light and modulats\$6 and spatial) and MRAM and (bit\$1 and arrange\$6 and column\$1) and driv\$6 and array and | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:51 |
| | | display and light adj Modulats\$6 and element and BACKPLANE AND BIT\$1 and (length adj time and store\$6 and long\$6 aND SHORT\$6) and (summary and bit\$1) and and gamma | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 09:30 |
| | | "20010043177" and voltage\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 16:08 |
| | | "6,243258"" .pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 13:49 |
| | | display and spatial adj light adj modulator and provid\$6 and available adj memory and | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:08 |
| | | "20040233150" and count adj step\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 15:03 |
| | | (pulse adj width adj control\$6 adj recursive adj feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 08:28 |
| | | display and and pulse and width and control\$6 and recursive adj feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 08:27 |
| | | "4847854" .pn. and backplane and display and | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 07:35 |

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|----|-----|---|---|----|-----|------------------|
| L1 | 1 | "6,542,142".pn. and array | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 10:51 |
| L2 | 1 | "6,542,142".pn. and array and light adj modulat\$6 adj element\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 10:52 |
| L3 | 262 | liquid adj crystal adj material and chemical adj formula | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 11:24 |
| L4 | 24 | liquid adj crystal adj material and chemical adj formula and ph | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 11:19 |
| L5 | 2 | liquid adj crystal adj material with ph and chemical adj formula | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 11:20 |
| L6 | 10 | liquid adj crystal adj material with pH | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 11:37 |
| L7 | 2 | liquid adj crystal adj material with pH and lcos | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 11:38 |
| S1 | 3 | display and electrode\$1 and control\$6 and light adj Modulat\$6 and element and array and recursive and feedback and pulse\$1 and wid\$6 and driv\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 11:45 |
| S2 | 157 | display and electrode\$1 and control\$6 and light adj Modulat\$6 and element and array and feedback and pulse\$1 and wid\$6 and driv\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 14:32 |
| S7 | 3 | display and (recurs\$6 and feedback) and (electrode\$1 and control\$6 and light adj Modulat\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 09:32 |

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| S8 | 1 | display and electrode\$1 and control\$6 and light adj Modulat\$6 and element and array and (recursive and feedback and base\$6 and output and bit\$1) and pulse\$1 and wid\$6 and driv\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 09:34 |
| S9 | 1 | display and electrode\$1 and control\$6 and light adj Modulat\$6 and element and array and (recursive and feedback and base\$6 and output and bit\$1) and pulse\$1 and wid\$6 and driv\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 09:43 |
| S10 | 2 | "5,456,820".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 09:46 |
| S11 | 2 | "5,654,820".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 09:46 |
| S13 | 1 | "5,654,820".pn. and recursive and feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 09:47 |
| S14 | 28 | display and (recurs\$6 adj feedback) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 10:39 |
| S16 | 2 | display and (recurs\$6 adj feedback) and light and modulat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 09:51 |
| S19 | 20 | display and (recurs\$6 and feedback) and light adj modulat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 10:41 |
| S20 | 3 | display and (recurs\$6 and feedback) and light adj modulat\$6 and electrode\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 10:41 |

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| S21 | 3 | display and (recurs\$6 and feedback) and light adj modulat\$6 and electrode\$1 and element\$1 and array | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 10:42 |
| S22 | 3 | display and (recurs\$6 and feedback) and light adj modulat\$6 and electrode\$1 and element\$1 and array and control\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 10:44 |
| S28 | 67 | display and (recurs\$6 and feedback) and light and modulat\$6 and electrode\$1 and element\$1 and array and control\$6 and pulse and width | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 10:45 |
| S29 | 63 | display and (recurs\$6 and feedback) and (light and modulat\$6) and electrode\$1 and element\$1 and array and (control\$6 and pulse and width and use\$6 and recursive and feedback) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 10:46 |
| S31 | 63 | display and (recurs\$6 and feedback) and (light and modulat\$6) and electrode\$1 and element\$1 and array and (control\$6 and pulse and width and use\$6 and recursive and feedback) and (pulse and width and driv\$6 and electrode\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 10:48 |
| S32 | 59 | display and (recurs\$6 and feedback) and (light and modulat\$6) and electrode\$1 and element\$1 and array and (control\$6 and pulse and width and use\$6 and recursive and feedback) and (pulse and width and driv\$6 and electrode\$1) and (recursive and feedback and pulse and width and driv\$6 and base\$6 and output and bit\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 10:52 |

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| S33 | 1 | display and (recurs\$6 and feedback) and (light and modulat\$6) and electrode\$1 and element\$1 and array and (control\$6 and pulse and width and use\$6 and recursive and feedback) and (pulse and width and driv\$6 and electrode\$1) and (recursive and feedback and pulse and width and driv\$6 and base\$6 and output and bit\$1) and backplane | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 09:28 |
| S34 | 2 | "4847854".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 11:02 |
| S35 | 1 | "4847854".pn. and backplane | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/16 09:45 |
| S36 | 100 | display and (recurs\$6 and feedback) and backplane | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 11:07 |
| S37 | 40 | display and (recurs\$6 and feedback) and backplane and (light and modulat\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 12:15 |
| S38 | 1 | display and (recurs\$6 and feedback) and backplane and (light and modulat\$6) and electrode\$1 and element\$1 and array and (control\$6 and pulse and width and use\$6 and recursive and feedback) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 11:43 |
| S39 | 1 | display and (recurs\$6 and feedback) and backplane and (light and modulat\$6) and electrode\$1 and element\$1 and array and (control\$6 and pulse and width and recursive and feedback) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 11:43 |
| S40 | 1 | display and (recurs\$6 and feedback) and backplane and (light and modulat\$6) and electrode\$1 and element\$1 and array | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 11:44 |

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| S41 | 1 | display and (recurs\$6 and feedback) and backplane and (light and modulats\$6) and electrode\$1 and array | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 11:44 |
| S42 | 1 | display and (recurs\$6 and feedback) and backplane and (light and modulats\$6) and electrode\$1 and element\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 11:44 |
| S46 | 2 | display and (recurs\$6 and feedback) and (light and modulats\$6) and (recursive and feedback and circuitry and mount\$6 and backplane) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 12:16 |
| S47 | 1 | "6,813777".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 12:19 |
| S48 | 1235 | "6,813777".pn. and back plane and recursive and feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 12:19 |
| S49 | 1 | "6,813777".pn. and backplane and recursive and feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 12:19 |
| S53 | 13 | device and electrode\$1 and control\$6 and light adj modulats\$6 adj element\$1 adj array | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 15:23 |
| S54 | 441 | device and electrode\$1 and control\$6 and light adj modulats\$6 and element\$1 adj array | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 15:23 |
| S58 | 40 | device and control\$6 and recursive adj feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 15:26 |
| S59 | 9 | device and control\$6 and recursive adj feedback and light | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 15:26 |

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| S60 | 3 | device and control\$6 and recursive adj feedback and light and modulat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:07 |
| S61 | 2 | "6,229,972".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 15:38 |
| S62 | 1 | "6,229,972".pn. and electrode\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 15:38 |
| S63 | 1 | "6,229,972".pn. and electrode\$1 and light | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 15:38 |
| S64 | 1 | "6,229,972".pn. and electrode\$1 and light and modulat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 15:49 |
| S65 | 1 | "6,229,972".pn. and electrode\$1 and light and modulat\$6 and array | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 15:51 |
| S67 | 1 | "6,229,972".pn. and recursive and feedback and pulse | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 09:03 |
| S68 | 2 | "6313882".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 16:07 |
| S70 | 14 | "5,068914" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 16:10 |
| S71 | 2 | "5,068,914".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 16:11 |

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| S73 | 1 | "5,068,914".pn. and pulse | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 16:13 |
| S75 | 1 | "5,068,914".pn. and pulse and recursive | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 16:18 |
| S77 | 2 | "5270816".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 16:19 |
| S79 | 2 | "5,414,623".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 16:24 |
| S80 | 1 | "5,414,623".pn. and electrode\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/15 16:24 |
| S81 | 1 | "5,414,623".pn. and electrode\$1 and control\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 05:53 |
| S84 | 1 | "5,414,623".pn. and electrode\$1 and control\$6 and width | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 05:54 |
| S85 | 1 | "5,414,623".pn. and electrode\$1 and control\$6 and width and signal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 05:55 |
| S88 | 1 | "5,414,623".pn. and electrode\$1 and control\$6 and (width and signal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 05:57 |
| S89 | 1 | "5,414,623".pn. and electrode\$1 and control\$6 and (width and signal) and recursive | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 05:57 |

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| S90 | 1 | "5,414,623".pn. and electrode\$1 and control\$6 and (width and signal) and recursive and feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 05:57 |
| S91 | 2 | "4,847,854".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/16 09:35 |
| S92 | 1 | "4,847,854".pn. and electrode\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 06:04 |
| S93 | 1 | "4,847,854".pn. and electrode\$1 and pulse | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 06:04 |
| S94 | 1 | "4,847,854".pn. and electrode\$1 and pulse and width | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 06:04 |
| S95 | 1 | "4,847,854".pn. and electrode\$1 and pulse and width and array | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 06:04 |
| S97 | 1 | "4,847,854".pn. and electrode\$1 and pulse and width and array and recursive and feedback and control\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 06:05 |
| S98 | 3 | display and electrode\$1 and control\$6 and light adj Modulat\$6 and element and array and recursive and feedback and pulse\$1 and wid\$6 and driv\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 06:50 |
| S99 | 1 | "4,847,854".pn. and electrode\$1 and pulse and width and array and recursive and feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 08:57 |
| S100 | 1 | "4,847,854".pn. and electrode\$1 and pulse and width and array and recursive and feedback and display | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 09:05 |

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| S10 1 | 1 | "6,229,972".pn. and recursive and feedback and pulse and display | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 09:05 |
| S10 3 | 1 | "6,229,972".pn. and recursive and feedback and pulse and display and pixel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 09:05 |
| S10 4 | 1 | "6,229,972".pn. and recursive and feedback and pulse and display and pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 09:05 |
| S10 5 | 499 | visual adj display adj apparatus | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 09:49 |
| S11 0 | 82 | display and LCOS adj device | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 09:53 |
| S11 1 | 2 | display and LCOS adj device and pH | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 09:59 |
| S11 4 | 4 | display and LCOS adj device and damage\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 09:55 |
| S11 5 | 42 | display and LCOS and pH | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/27 11:24 |
| S11 6 | 2 | display and LCOS and pH and damage\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 10:00 |
| S11 7 | 2 | display and (LCOS or liquid adj crystal adj on adj silicon) and pH and damage\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 10:01 |

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| S11 8 | 54 | (LCOs or liquid adj crystal adj on adj silicone) and pH | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 10:20 |
| S11 9 | 3 | (LCOs or liquid adj crystal adj on adj silicone) with pH | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 10:13 |
| S12 0 | 96 | (LCD or liquid adj crystal adj display) with pH | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 10:25 |
| S12 1 | 5 | (LCD or liquid adj crystal adj display) with pH and (detect and damag\$6 and (LCD or liquid adj crystal adj display)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 10:22 |
| S12 4 | 1 | "5,673,028".pn. and pH | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 10:36 |
| S12 5 | 1 | "5,673,028".pn. and pH and (LCD or liquid adj crystal adj display) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 10:40 |
| S12 6 | 1433 | "5,673,028".pn. and pH and (LCD or liquid adj crystal adj display) and hydrolysis and liquid adj crystal adj material or LC adj material | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 10:41 |
| S12 7 | 1 | "4,847,854".pn. and backplane | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/16 09:35 |
| S12 8 | 1 | "4847854".pn. and backplane and display | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/16 10:06 |
| S12 9 | 1 | "4847854".pn. and backplane and display and (recur\$6 and feedback) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/10 15:16 |

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| S13 0 | 55 | display and LCOS and (pH or phosphorus) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/27 11:28 |
| S13 1 | 3 | display and LCOS with (pH or phosphorus) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/27 11:28 |
| S13 2 | 2 | "4,695,650".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/27 12:13 |
| S13 3 | 2 | "6,229,972".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/27 12:13 |
| S13 4 | 1661172 | display | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 12:03 |
| S13 5 | 295079 | display and (LCD or liquid adj crystal adj display) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 07:35 |
| S13 6 | 0 | "4847854".pn. and backplane and display and (LCD or liquid adj crystal adj display) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 07:35 |
| S13 7 | 965 | display and (LCD or liquid adj crystal adj display) and recursive | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 07:35 |
| S13 8 | 3 | display and (LCD or liquid adj crystal adj display) and recursive adj feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 07:37 |
| S13 9 | 3 | (LCD or liquid adj crystal adj display) and recursive adj feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 07:36 |

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| S14 0 | 28 | display and recursive adj feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 08:07 |
| S14 1 | 2 | display and recursive adj feedback and (light adj modulat\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 07:37 |
| S14 2 | 2 | display and recursive adj feedback and (light and modulat\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 07:38 |
| S14 3 | 2 | display and recursive adj feedback and array and light and element and control\$6 and pulse and width | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 07:39 |
| S14 4 | 28 | display and control\$6 and recursive adj feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 08:08 |
| S14 5 | 28 | display and control\$6 and use\$6 and recursive adj feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 08:08 |
| S14 6 | 2 | display and control\$6 and use\$6 and pulse adj width and recursive adj feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 08:08 |
| S14 7 | 8 | display and control\$6 and use\$6 and pulse and width and recursive adj feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 08:26 |
| S14 8 | 8 | display and pulse and width and control\$6 and recursive adj feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 08:27 |
| S14 9 | 8 | display and (pulse and width and control\$6) and recursive adj feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 08:46 |

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| S15 0 | 0 | pulse adj width adj control\$6 adj recursive adj feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 08:28 |
| S15 1 | 1 | pulse adj width adj control\$6 and recursive adj feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 08:29 |
| S15 2 | 3 | pulse adj width and control\$6 and recursive adj feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 13:32 |
| S15 3 | 2 | pulse adj width and control\$6 and recursive adj feedback and light | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 08:46 |
| S15 4 | 3 | pulse adj width and control\$6 and recursive adj feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 08:46 |
| S15 5 | 2 | display and (pulse and width and control\$6) and recursive adj feedback and electrode\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 08:47 |
| S15 6 | 17447 | display and (pulse and width and control\$6) and electrode\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 08:47 |
| S15 7 | 7393 | display and (pulse and width and control\$6) and electrode\$1 and (LCD or liquid adj crystal adj display) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 08:47 |
| S15 8 | 525 | display and (pulse and width and control\$6) and electrode\$1 and (LCD or liquid adj crystal adj display) and control\$6 and light adj modulat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 08:48 |
| S15 9 | 13 | display and (pulse and width and control\$6) and electrode\$1 and (LCD or liquid adj crystal adj display) and control\$6 adj light adj modulat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 08:48 |

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| S16 0 | 6 | display and (pulse and width and control\$6) and electrode\$1 and (LCD or liquid adj crystal adj display) and control\$6 adj light adj modulats\$6 adj element and array | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 12:02 |
| S16 1 | 3 | display and (pulse and width and control\$6) and electrode\$1 and (LCD or liquid adj crystal adj display) and control\$6 adj light adj modulats\$6 adj element and array and pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 15:43 |
| S16 2 | 1 | display and (pulse and width and control\$6) and electrode\$1 and (LCD or liquid adj crystal adj display) and control\$6 adj light adj modulats\$6 adj element adj array and pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 12:00 |
| S16 3 | 1 | display and (pulse and width and control\$6) and electrode\$1 and control\$6 adj light adj modulats\$6 adj element adj array and pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 12:00 |
| S16 4 | 0 | display and (pulse and width and control\$6) and electrode\$1 and light adj element adj array | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 12:01 |
| S16 5 | 1 | display and (pulse and width and control\$6) and electrode\$1 and light adj element adj array | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 12:05 |
| S16 6 | 0 | display and (pulse and width and control\$6) and electrode\$1 and light adj element adj array and modulate\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 12:02 |
| S16 7 | 0 | display and (pulse and width and control\$6) and electrode\$1 and (LCD or liquid adj crystal adj display) and control\$6 adj light adj modulats\$6 adj element and light adj element adj array | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 12:02 |
| S16 8 | 13 | display and light adj element adj array | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 12:04 |

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| S16 9 | 3 | display and light adj element adj array and light adj modulat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 12:05 |
| S17 0 | 0 | display and (pulse and width and control\$6) and electrode\$1 and light adj element adj array and pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 12:05 |
| S17 1 | 0 | display and (pulse and width and control\$6) and electrode\$1 and light adj element adj array and pixel\$1 and electrode\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 12:05 |
| S17 2 | 2 | display and light adj element adj array and light adj modulat\$6 and pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 12:06 |
| S17 3 | 0 | display and light adj element adj array and light adj modulat\$6 and pixel\$1 and electrode41 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 12:06 |
| S17 4 | 0 | display and light adj element adj array and light adj modulat\$6 and pixel\$1 and electrode\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 12:06 |
| S17 5 | 22 | display and (light adj element and array) and light adj modulat\$6 and pixel\$1 and electrode\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 12:07 |
| S17 6 | 6 | display and (light adj element and array) and light adj modulat\$6 and pixel\$1 and electrode\$1 and (pulse and width and control\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 12:07 |
| S17 7 | 6 | display and (light adj element and array) and light adj modulat\$6 and pixel\$1 and electrode\$1 and (pulse and width and control\$6) and (LCD or liquid adj crystal display) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 12:08 |

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| S17 8 | 0 | display and (pulse and width and control\$6) and electrode\$1 and (LCD or liquid adj crystal adj display) and control\$6 adj light adj modulat\$6 and element and array and pixel\$1 and sub-pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 15:45 |
| S17 9 | 35 | display and (pulse and width and control\$6) and electrode\$1 and (LCD or liquid adj crystal adj display) and control\$6 and light adj modulat\$6 and element and array and pixel\$1 and sub-pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 15:45 |
| S18 0 | 0 | display and (pulse and width and control\$6) and electrode\$1 and (LCD or liquid adj crystal adj display) and control\$6 and light adj modulat\$6 and element adj array and pixel\$1 and sub-pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 15:46 |
| S18 1 | 35 | display and (pulse and width and control\$6) and electrode\$1 and (LCD or liquid adj crystal adj display) and control\$6 and light adj modulat\$6 and element and array and pixel\$1 and sub-pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 15:53 |
| S18 2 | 226 | display and stage\$1 and (stage adj value) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 15:55 |
| S18 3 | 17 | display and stage\$1 and (stage adj value) and (subset and bit\$1 and locat\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 15:56 |
| S18 4 | 17 | display and stage\$1 and (stage adj value) and (stage\$1 and subset and bit\$1 and locat\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 16:19 |
| S18 5 | 2 | display and stage\$1 and (stage adj value) and (stage\$1 and subset and bit\$1 and locat\$6) and (next and state and light and modulat\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 15:58 |
| S18 6 | 2 | display and stage\$1 and (stage adj value) and (stage\$1 and subset and bit\$1 and locat\$6) AND LIGHT AND MODULAT\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 16:03 |

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| S18 7 | 3 | display and stage\$1 and (stage adj value) and (stage\$1 and subset and bit\$1 and locat\$6) AND LIGHT | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 16:03 |
| S18 8 | 2 | "6,542,142".PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 08:19 |
| S18 9 | 0 | "6,542,142".PN. and RGB | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 16:08 |
| S19 0 | 1 | "6,542,142".PN. and red and green and blue | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 16:09 |
| S19 1 | 17 | display and stage\$1 and (stage adj value) and (stage\$1 and subset and bit\$1 and locat\$6) and ("0" or zero) and ("1" or one) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 16:20 |
| S19 2 | 251 | electronic adj business adj card | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 07:21 |
| S19 3 | 150 | electronic adj business adj card and display | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 07:21 |
| S19 4 | 63 | electronic adj business adj card and display and image | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 07:22 |
| S19 5 | 47 | electronic adj business adj card and display and image and storage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 07:22 |
| S19 6 | 46 | electronic adj business adj card and display and image and storage and process\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 07:22 |

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| S19 7 | 45 | electronic adj business adj card and display and image and storage and process\$6 and read\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 07:23 |
| S19 8 | 45 | electronic adj business adj card and display and image and storage and process\$6 and read\$6 and user | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 07:23 |
| S19 9 | 44 | electronic adj business adj card and display and image and storage and process\$6 and read\$6 and user and control\$6 and display | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 07:24 |
| S20 0 | 17 | electronic adj business adj card and display and image and storage and process\$6 and read\$6 and user and control\$6 and display and input adj device | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 07:28 |
| S20 1 | 6 | electronic adj business adj card and display and image and storage and process\$6 and read\$6 and user and control\$6 and display and input adj device and forward | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 09:37 |
| S20 2 | 0 | electronic adj business adj card and display and image and storage and process\$6 and read\$6 and user and control\$6 and display and input adj device and forward and backward and sequence | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 07:25 |
| S20 3 | 0 | electronic adj business adj card and display and image and storage and process\$6 and read\$6 and user and control\$6 and display and input adj device and forward and backward and sequence\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 07:25 |
| S20 4 | 4 | electronic adj business adj card and display and image and storage and process\$6 and read\$6 and user and control\$6 and display and input adj device and forward and sequence\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 07:25 |
| S20 5 | 12 | display and payload adj image | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 07:34 |

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| S20 6 | 1058 | display and payload adj imageand target adj audience | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 07:31 |
| S20 7 | 0 | display and payload adj image and target adj audience | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 07:31 |
| S20 8 | 0 | display and payload adj image and target and audience | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 07:31 |
| S20 9 | 0 | display and payload adj image and audience | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 07:31 |
| S21 0 | 12 | display and payload adj image and (user or viewer or audience) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 07:32 |
| S21 1 | 2 | display and payload adj image and propagat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 07:36 |
| S21 2 | 6 | display and payload adj image and computer adj readable | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 07:36 |
| S21 3 | 2 | "5920322".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 08:15 |
| S21 4 | 0 | "5920322".pn. and "or" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 08:19 |
| S21 5 | 1 | "5920322".pn. and "and" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 08:19 |

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| S21 6 | 0 | "5920322".pn. and "OR" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 08:20 |
| S21 7 | 0 | "6,542,142".PN. and "OR" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 08:19 |
| S21 8 | 0 | "5920322".pn. and "OR\$6" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 08:20 |
| S21 9 | 1 | "5920322".pn. and "ORing" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 08:20 |
| S22 0 | 245 | display and (recurs\$6 and feedback) and generate\$6 and (pulse adj width) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 09:29 |
| S22 1 | 67 | display and (recurs\$6 and feedback) and generate\$6 and (pulse adj width) and (control\$6 and electrode\$1) and (driv\$6 light and modulats\$6 and element\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 09:27 |
| S22 2 | 50 | display and (recurs\$6 and feedback) and generate\$6 and (pulse adj width) and (control\$6 and electrode\$1) and (driv\$6 and light and modulats\$6 and element\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 11:38 |
| S22 3 | 2 | display and (recurs\$6 and feedback) and generate\$6 and (pulse adj width) and (control\$6 and electrode\$1) and (driv\$6 and light adj modulats\$6 and element\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 09:31 |
| S22 4 | 1 | "5585816".pn. and recurs\$6 and feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 10:00 |

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| S22 6 | 1 | "5585816".pn. and (recurs\$6 and feedback) and (light and modulat\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 10:01 |
| S22 7 | 2 | "5585691".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 11:19 |
| S22 8 | 1 | "5585691".pn. and (light and modulat\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 11:19 |
| S22 9 | 1 | "5585816".pn. and (light and modulat\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 11:20 |
| S23 0 | 1 | "5585816".pn. and (light and modulat\$6) and (recurs\$6 and feedback) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 10:18 |
| S23 1 | 1 | "5585691".pn. and (light and modulat\$6) and (recurs\$6 and feedback) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 11:20 |
| S23 2 | 28 | display and recursive adj feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 15:37 |
| S23 3 | 6 | display and recursive adj feedback and explicit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 13:36 |
| S23 4 | 3 | display and recursive adj feedback and explicit and implicit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 13:32 |
| S23 5 | 1 | display and recursive adj feedback adj explicit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 13:37 |

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| S23 6 | 26998 | display and pulse adj width | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 13:51 |
| S23 7 | 0 | display and pulse adj width and comntrol\$6 and array adj light adj modulat\$6 adj element\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 13:53 |
| S23 8 | 0 | display and pulse adj width and comntrol\$6 and array adj element and light adj modulat\$6 adj element\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 13:52 |
| S23 9 | 0 | display and pulse adj width and comntrol\$6 and array adj element\$1 and light adj modulat\$6 adj element\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 13:52 |
| S24 0 | 17 | display and pulse adj width and control\$6 and array adj element\$1 and light adj modulat\$6 adj element\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 15:39 |
| S24 1 | 8 | display and pulse adj width and control\$6 and array adj light adj modulat\$6 adj element\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 13:53 |
| S24 2 | 1 | display and pulse adj width and control\$6 and array adj light adj modulat\$6 adj element\$1 and (puls\$6 and perform\$6 and count adj step\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 15:03 |
| S24 3 | 3 | display and pulse adj width and control\$6 and array adj light adj modulat\$6 adj element\$1 and (puls\$6 and perform\$6 and count\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 15:37 |
| S24 4 | 1 | "20040233150" and (count adj step\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 15:03 |
| S24 5 | 2 | "5,585,816".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 07:54 |

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| S24 6 | 15 | display and pulse adj width and control\$6 and array adj element\$1 and light adj modulats\$6 adj element\$1 and group\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 15:44 |
| S24 7 | 0 | display and pulse adj width and control\$6 and array adj element\$1 and light adj modulats\$6 adj element\$1 and (array and divid\$6 and two and group\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 15:45 |
| S24 8 | 0 | display and pulse adj width and control\$6 and array adj light adj modulats\$6 adj element\$1 and (puls\$6 and perform\$6 and count\$6) and gruop\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 15:45 |
| S24 9 | 6 | display and pulse adj width and control\$6 and array adj element\$1 and light adj modulats\$6 adj element\$1 and (array and divid\$6 and two and group\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 11:43 |
| S25 0 | 0 | "5,585,816".pn. and bit adj serial | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 15:51 |
| S25 1 | 1 | "5,585,816".pn. and serial | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 15:51 |
| S25 2 | 0 | "5,920,322".pn. and bit adj serial | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 15:51 |
| S25 3 | 0 | "5,920,322".pn. and (bit and serial) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 15:51 |
| S25 4 | 1 | "5,585,816".pn. and (serial and bit) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 15:52 |
| S25 5 | 2 | display and pulse adj width and control\$6 and array adj element\$1 and light adj modulats\$6 adj element\$1 and (array and divid\$6 and two and group\$1) and serial\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 16:07 |

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| S25 6 | 2 | "5825400".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 16:05 |
| S25 7 | 1 | "5825400".pn. and serial | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 16:05 |
| S25 8 | 5 | display and pulse adj width and control\$6 and array adj element\$1 and light adj modulats\$6 adj element\$1 and (array and divid\$6 and two and group\$1) and seri\$9 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 16:13 |
| S25 9 | 12 | display and pulse adj width and control\$6 and array adj element\$1 and light adj modulats\$6 adj element\$1 and (bit\$1 and seri\$9 and process\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 16:14 |
| S26 0 | 10 | display and pulse adj width and control\$6 and array adj element\$1 and light adj modulats\$6 adj element\$1 and (bit\$1 and seri\$9 and process\$6) and two and group\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 16:20 |
| S26 1 | 0 | display and pulse adj width and control\$6 and array adj element\$1 and light adj modulats\$6 adj element\$1 and shift adj register and (bit\$1 and seri\$9 and process\$6) and two and group\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 16:21 |
| S26 2 | 0 | display and pulse adj width and control\$6 and array adj element\$1 and light adj modulats\$6 adj element\$1 and shift adj register and (bit\$1 and seri\$9 and process\$6) and group\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 16:22 |
| S26 3 | 0 | display and pulse adj width and control\$6 and array adj element\$1 and light adj modulats\$6 adj element\$1 and shift adj register and (bit\$1 and seri\$9 and process\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 16:22 |
| S26 4 | 0 | display and pulse adj width and control\$6 and array adj element\$1 and light adj modulats\$6 adj element\$1 and (bit\$1 adj seri\$9 and process\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 16:23 |

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| S26 5 | 1 | display and pulse adj width and control\$6 and array adj element\$1 and light adj modulat\$6 and (bit\$1 adj seri\$9 and process\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 16:28 |
| S26 6 | 1 | display and pulse adj width and control\$6 and array and light adj modulat\$6 and (bit\$1 adj seri\$9 adj process\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 16:28 |
| S26 7 | 1 | display and array and light adj modulat\$6 and (bit\$1 adj seri\$9 adj process\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/23 16:29 |
| S26 8 | 23 | display and array and (bit\$1 adj seri\$9 adj process\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 10:47 |
| S26 9 | 6 | display and array and (bit\$1 adj seri\$9 adj process\$6) and substrate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 09:36 |
| S27 0 | 1 | "5585816".pn. and substrates | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 10:50 |
| S27 1 | 1 | display and array and (bit\$1 adj seri\$9 adj process\$6) and light and modulat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 10:48 |
| S27 2 | 11 | display and array and (bit\$1 adj seri\$9 adj process\$6) and light | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 14:31 |
| S27 3 | 1 | "5585816".pn. and substrates and dimension\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 11:21 |
| S27 4 | 0 | "5585816".pn. and substrates and dimensional | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 10:54 |

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| S27 5 | 2 | "4,742,552".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 14:30 |
| S27 6 | 1 | "4,742,552".pn. and encod\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 10:57 |
| S27 7 | 1 | "5585816".pn. and digital | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 14:28 |
| S27 8 | 0 | display and (recurs\$6 and feedback) and generate\$6 and (pulse adj width) and (control\$6 and electrode\$1) and (driv\$6 and light and modulat\$6 and element\$1) and digital and substartes and dimension\$6 and serial and bit\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 11:40 |
| S27 9 | 1 | display and (recurs\$6 and feedback) and generate\$6 and (pulse adj width) and (control\$6 and electrode\$1) and (driv\$6 and light and modulat\$6 and element\$1) and digital and substrates and dimension\$6 and serial and bit\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 11:40 |
| S28 0 | 1 | "5585816".pn. and digital and memory | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 14:29 |
| S28 1 | 0 | "5585816".pn. and digital and RAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 14:29 |
| S28 2 | 1 | "4,742,552".pn. and RAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 14:30 |
| S28 3 | 0 | "4,742,552".pn. and MRAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 14:30 |

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| S28 4 | 1 | display and array and (bit\$1 adj seri\$9 adj process\$6) and light and MRAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 14:32 |
| S28 5 | 1 | display and array and (bit\$1 adj seri\$9 adj process\$6) and MRAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 14:32 |
| S28 6 | 1 | display and electrode\$1 and control\$6 and light adj Modulat\$6 and element and array and feedback and pulse\$1 and wid\$6 and driv\$6 and MRAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 14:33 |
| S28 7 | 2 | display and light adj Modulat\$6 and element and array and driv\$6 and MRAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 14:59 |
| S28 8 | 2 | display and light adj Modulat\$6 and element and MRAM and length and time | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 15:00 |
| S28 9 | 207 | display and light adj Modulat\$6 and element and RAM and length and time and data and control\$6 and electrode\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 15:01 |
| S29 0 | 481 | display and light adj Modulat\$6 and element and RAM and length and time | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 15:01 |
| S29 1 | 114 | display and spatial and light adj Modulat\$6 and element and RAM and length and time and data and control\$6 and electrode\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 15:02 |
| S29 2 | 31 | display and spatial and light adj Modulat\$6 and element and RAM and length adj time and data and control\$6 and electrode\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 15:02 |
| S29 3 | 2 | display and spatial and light adj Modulat\$6 and element and RAM and length adj time and data adj control\$6 and electrode\$1 and driv\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 12:36 |

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|----------|------|---|---|----|-----|------------------|
| S29 4 | 3677 | display and spatial adj light adj modulator | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 12:04 |
| S29 5 | 1615 | display and spatial adj light adj modulator and available | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:07 |
| S29 6 | 761 | display and spatial adj light adj modulator and available and memory | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:07 |
| S29 7 | 21 | display and spatial adj light adj modulator and available adj memory | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:09 |
| S29 8 | 1 | display and spatial adj light adj modulator and (provid\$6 and available and memory and reallocate\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:09 |
| S29 9 | 1 | display and spatial adj light adj modulator and available and memory and reallocate\$6 and data | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:09 |
| S30 0 | 18 | display and spatial adj light adj modulator and provid\$6 and available adj memory | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:10 |
| S30 1 | 7 | display and spatial adj light adj modulator and (provid\$6 and available adj memory and data) and (length and time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:17 |
| S30 2 | 1 | display and spatial adj light adj modulator and (provid\$6 and available adj memory and data) and (length adj time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:17 |
| S30 3 | 1 | display and spatial adj light adj modulator and (provid\$6 and available adj memory and data) and (length and time and resident\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:18 |

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|----------|------|--|---|----|-----|------------------|
| S30 4 | 7 | display and spatial adj light adj modulator and (provid\$6 and available adj memory and data) and (length and time and (resident\$6 or store\$6 or hold\$6)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:18 |
| S30 5 | 4276 | display and backplane | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 12:02 |
| S30 6 | 990 | display and backplane and instruction and memory | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 12:02 |
| S30 7 | 692 | display and backplane and instruction and memory and hold\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 12:02 |
| S30 8 | 98 | display and backplane and (instruction and memory) and (hold\$6 and instruction) and (control\$6 and pulse adj width) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 12:05 |
| S30 9 | 1 | display and spatial adj light adj modulator and backplane and (instruction and memory) and (hold\$6 and instruction) and (control\$6 and pulse adj width) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 12:04 |
| S31 0 | 1 | display and spatial adj light adj modulator and backplane and (instruction and memory) and (hold\$6 and instruction) and (control\$6 and pulse and width) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 12:05 |
| S31 1 | 1 | spatial adj light adj modulator and backplane and (instruction and memory) and (hold\$6 and instruction) and (control\$6 and pulse and width) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 12:05 |
| S31 2 | 62 | display and backplane and (instruction and memory) and (hold\$6 and instruction) and (control\$6 and pulse adj width) and light and modulat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 12:05 |
| S31 3 | 1 | display and backplane and (instruction and memory) and (hold\$6 and instruction) and (control\$6 and pulse adj width) and light adj modulat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 12:05 |

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|----------|----|---|---|----|-----|------------------|
| S31 4 | 54 | display and backplane and (instruction and memory) and (hold\$6 and instruction) and (control\$6 and pulse adj width) and (light and modulat\$6) and element\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 12:06 |
| S31 5 | 9 | display and backplane and (instruction and memory) and (hold\$6 and instruction) and (control\$6 and pulse adj width) and (light and modulat\$6 and element\$1 and spatial) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 12:17 |
| S31 6 | 20 | display and backplane and memory and (software and control\$6 and pulse adj width) and (light and modulat\$6 and element\$1 and spatial) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 12:18 |
| S31 7 | 11 | display and backplane and memory and (software and control\$6 and pulse adj width) and (light adj modulat\$6 and element\$1 and spatial) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 12:27 |
| S31 8 | 10 | display and backplane and memory and (software and control\$6 and pulse adj width) and (light adj modulat\$6 and element\$1 and spatial) and electrode\$1 and available | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 12:28 |
| S31 9 | 10 | display and backplane and memory and (software and control\$6 and pulse adj width) and (light adj modulat\$6 and element\$1 and spatial) and electrode\$1 and available and stor\$6 and length adj time | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 12:48 |
| S32 0 | 10 | display and backplane and memory and (software and control\$6 and pulse adj width) and (light adj modulat\$6 and element\$1 and spatial) and electrode\$1 and available and stor\$6 and length adj time and point\$6 and rom | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 13:01 |
| S32 1 | 1 | display and backplane and memory and (software and control\$6 and pulse adj width) and (light adj modulat\$6 and element\$1 and spatial) and electrode\$1 and available and stor\$6 and length adj time and point\$6 and rom and MRAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 12:49 |

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|----------|---|--|---|----|-----|------------------|
| S32 2 | 2 | display and backplane and memory and software and control\$6 and (light adj modulats\$6 and element\$1 and spatial) and pointer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 15:09 |
| S32 3 | 4 | display and backplane and memory and software and control\$6 and (light adj modulats\$6 and element\$1 and spatial) and pointer\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 14:59 |
| S32 4 | 4 | display and backplane and software and control\$6 and (light adj modulats\$6 and element\$1 and spatial) and pointer\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 15:11 |
| S32 5 | 3 | display and backplane and software and control\$6 and (light adj modulats\$6 and element\$1 and spatial) and pointer\$1 and bit and position and array | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 14:59 |
| S32 6 | 0 | "0020154102" and pointer\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 15:08 |
| S32 7 | 1 | "20020154102" and pointer\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 15:08 |
| S32 8 | 4 | display and backplane and memory and software and control\$6 and (light adj modulats\$6 and element\$1 and spatial) and pointer\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 15:09 |
| S32 9 | 3 | "6717097".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 15:10 |
| S33 0 | 1 | "6717097".pn. and pointer\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 15:10 |
| S33 1 | 5 | display and backplane and control\$6 and (light adj modulats\$6 and element\$1 and spatial) and pointer\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 15:11 |

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| S33 2 | 7 | display and backplane and control\$6 and (light adj modulat\$6 and spatial) and pointer\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 10:30 |
| S33 3 | 4 | display and backplane and (control\$6 and pointer\$1) and (light adj modulat\$6 and spatial) and pointer\$1 and controller | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 15:12 |
| S33 4 | 198 | display and backplane and control\$6 and (light adj modulat\$6 and spatial) and pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 10:31 |
| S33 5 | 81 | display and backplane and control\$6 and (light adj modulat\$6 and spatial) and pixel\$1 and bit\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 10:31 |
| S33 6 | 70 | display and backplane and control\$6 and (light adj modulat\$6 and spatial) and pixel\$1 and bit\$1 and position and array | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 10:32 |
| S33 7 | 70 | display and backplane and control\$6 and (light adj modulat\$6 and spatial) and pixel\$1 and bit\$1 and position and array and first | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 10:32 |
| S33 8 | 70 | display and backplane and control\$6 and (light adj modulat\$6 and spatial) and pixel\$1 and bit\$1 and position and array and first and second | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 10:32 |
| S33 9 | 51 | display and backplane and control\$6 and (light adj modulat\$6 and spatial) and pixel\$1 and bit\$1 and position and array and first and second and group\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 10:33 |
| S34 0 | 51 | display and backplane and control\$6 and (light adj modulat\$6 and spatial) and pixel\$1 and bit\$1 and position and array and (first and second and group\$1 and bit\$1 and position\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 10:34 |

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|----------|----|--|---|----|-----|------------------|
| S34 1 | 0 | display and backplane and control\$6 and (light adj modulats\$6 and spatial) and pixel\$1 and bit\$1 and position and array and (first and second and group\$1 and bit\$1 and position\$1) and corresponding | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 10:35 |
| S34 2 | 46 | display and backplane and control\$6 and (light adj modulats\$6 and spatial) and pixel\$1 and bit\$1 and position and array and (first and second and group\$1 and bit\$1 and position\$1) and correspond\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 10:35 |
| S34 3 | 9 | display and backplane and control\$6 and (light adj modulats\$6 and spatial) and pixel\$1 and bit\$1 and position and array and (first and second and group\$1 and bit\$1 and position\$1) and correspond\$6 and subset and pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 11:29 |
| S34 4 | 1 | display and backplane and control\$6 and (light adj modulats\$6 and spatial) and pixel\$1 and bit\$1 and position and array and (first and second and group\$1 adj bit\$1 and position\$1) and correspond\$6 and subset and pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 11:29 |
| S34 5 | 1 | display and backplane and control\$6 and (light adj modulats\$6 and spatial) and bit\$1 and position and array and (first and second and group\$1 adj bit\$1 and position\$1) and correspond\$6 and subset and pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 11:30 |
| S34 6 | 1 | display and backplane and control\$6 and (light adj modulats\$6 and spatial) and (first and second and group\$1 adj bit\$1 and position\$1) and correspond\$6 and subset and pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 11:31 |
| S34 7 | 9 | display and backplane and control\$6 and (light adj modulats\$6 and spatial) and (first and second and group\$1 and bit\$1 and position\$1) and correspond\$6 and subset and pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 11:31 |
| S34 8 | 9 | display and backplane and control\$6 and (light adj modulats\$6 and spatial) and (first and second and group\$1 and bit\$1 and position\$1) and (correspond\$6 and subset and pixel\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 11:31 |

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|----------|---|--|---|----|-----|------------------|
| S34 9 | 9 | display and backplane and control\$6 and (light adj modulats\$6 and spatial) and (first and second and group\$1 and bit\$1 and position\$1) and (bit\$1 and correspond\$6 and subset and pixel\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 10:17 |
| S35 0 | 1 | display and backplane and control\$6 and (light adj modulats\$6 and spatial) and (first and second and group\$1 and bit\$1 and position\$1) and (bit\$1 and correspond\$6 and subset adj pixel\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 11:37 |
| S35 1 | 2 | "20030107557" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 13:45 |
| S35 2 | 2 | "5,805,165".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 13:47 |
| S35 3 | 2 | "5,852,431".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 13:48 |
| S35 4 | 2 | "6,243,258".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 13:49 |
| S35 5 | 2 | "6,175,372".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 14:48 |
| S35 6 | 2 | "5,347,292".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 16:52 |
| S35 7 | 2 | "6,275,061".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 17:22 |

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|------|---|---|---|----|-----|------------------|
| S358 | 2 | "6005336".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 17:26 |
| S359 | 2 | "6005536".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/27 17:26 |
| S360 | 1 | display and backplane and control\$6 and (light adj modulat\$6 and spatial) and (first and second and group\$1 adj bit\$1 and position\$1) and (bit\$1 and correspond\$6 and subset and pixel\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 10:18 |
| S361 | 1 | display and backplane and control\$6 and (light adj modulat\$6 and spatial) and (first and second and group\$1 adj bit\$1 and position\$1) and (bit\$1 and correspond\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 10:19 |
| S362 | 1 | display and backplane and control\$6 and (light adj modulat\$6 and spatial) and (first and second and group\$1 adj bit\$1 and position\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 10:19 |
| S363 | 1 | display and backplane and control\$6 and (light adj modulat\$6 and spatial) and (first and second and group\$1 adj bit\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 10:19 |
| S364 | 2 | display and backplane and (light adj modulat\$6 and spatial) and (first and second and group\$1 adj bit\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 10:26 |
| S365 | 2 | display and backplane and (light and modulat\$6 and spatial) and (first and second and group\$1 adj bit\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 10:26 |
| S366 | 8 | display and backplane and (light and modulat\$6 and element) and (first and second and group\$1 adj bit\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 10:32 |

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| S36 7 | 2 | display and backplane and (light adj modulat\$6 and element) and (first and second and group\$1 adj bit\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 10:26 |
| S36 8 | 7 | display and backplane and (light and modulat\$6 and element) and (first and second and group\$1 adj bit\$1) and control\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 10:32 |
| S36 9 | 5 | display and backplane and (light and modulat\$6 and element) and (first and second and group\$1 adj bit\$1) and control\$6 and pulse and width | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 11:09 |
| S37 0 | 5 | display and backplane and (light and modulat\$6 and element) and (first and second and group\$1 adj bit\$1) and control\$6 and pulse and width and stor\$6 and short\$6 and time | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 11:10 |
| S37 1 | 12 | display and light adj Modulat\$6 and element and BACKPLANE and (length adj time and store\$6 and long\$6 aND SHORT\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 12:37 |
| S37 2 | 28021 | display and light adj Modulat\$6 and element and BACKPLANE AND BIT\$1 (length adj time and store\$6 and long\$6 aND SHORT\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 12:37 |
| S37 3 | 12 | display and light adj Modulat\$6 and element and BACKPLANE AND BIT\$1 and (length adj time and store\$6 and long\$6 aND SHORT\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 12:50 |
| S37 4 | 11 | display and light adj Modulat\$6 and element and BACKPLANE AND BIT\$1 and (length adj time and store\$6 and long\$6 aND SHORT\$6) and (summary and bit\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 09:13 |
| S37 5 | 0 | "200100043177" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 12:52 |

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| S37 6 | 0 | "20010043177" and (summary and bit\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 12:52 |
| S37 7 | 0 | "20010043177" and (summary and bit\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 12:53 |
| S37 8 | 2 | "20010043177" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 12:53 |
| S37 9 | 1 | "20010043177" and summary | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 12:53 |
| S38 0 | 1 | "20010043177" and summary and bit\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 12:53 |
| S38 1 | 1 | "20010043177" and (summary and bit\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 16:08 |
| S38 2 | 1 | display and light adj Modulat\$6 and element and BACKPLANE AND BIT\$1 and (length adj time and store\$6 and long\$6 and SHORT\$6) and (summary adj bit\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 13:23 |
| S38 3 | 1 | display and light adj Modulat\$6 and element and BACKPLANE and (summary adj bit\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 13:23 |
| S38 4 | 80 | display and light adj Modulat\$6 and element and BACKPLANE and (sum\$6 and bit\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 13:27 |
| S38 5 | 1 | display and light adj Modulat\$6 and element and BACKPLANE and (sum\$6 adj bit\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 13:28 |

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| S38 6 | 7 | display and light adj Modulat\$6 and element and (sum\$6 adj bit\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/28 13:28 |
| S38 7 | 11 | display and light adj Modulat\$6 and element and BACKPLANE AND BIT\$1 and (length adj time and store\$6 and long\$6 aND SHORT\$6) and (summary and bit\$1) and transistor\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 09:44 |
| S38 8 | 3 | display and light adj Modulat\$6 and element and BACKPLANE AND BIT\$1 and (length adj time and store\$6 and long\$6 aND SHORT\$6) and (summary and bit\$1) and transistor\$1 and "P" and "N" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 09:14 |
| S38 9 | 3 | display and light adj Modulat\$6 and element and BACKPLANE AND BIT\$1 and (length adj time and store\$6 and long\$6 aND SHORT\$6) and (summary and bit\$1) and (transistor\$1 and "P" and "N") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 09:29 |
| S39 0 | 2 | display and light adj Modulat\$6 and element and BACKPLANE AND BIT\$1 and (length adj time and store\$6 and long\$6 aND SHORT\$6) and (summary and bit\$1) and (transistor\$1 and "P" and "N") and gamma | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 09:30 |
| S39 1 | 3 | display and light adj Modulat\$6 and element and BACKPLANE AND BIT\$1 and (length adj time and store\$6 and long\$6 aND SHORT\$6) and (summary and bit\$1) and gamma | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 09:31 |
| S39 2 | 20 | display and light adj Modulat\$6 and element\$1 and spatial and master and slave AND BIT\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 09:45 |
| S39 3 | 20 | display and light adj Modulat\$6 and element\$1 and spatial and master and slave AND BIT\$1 and select\$6 and driv\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 09:45 |

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| S39 4 | 5 | display and light adj Modulat\$6 and element\$1 and spatial and master and slave AND BIT\$1 and (select\$6 and driv\$6) and (access\$6 and random\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 10:23 |
| S39 5 | 241 | display and light adj Modulat\$6 and element\$1 and spatial AND BIT\$1 and Ram | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 10:25 |
| S39 6 | 20 | display and light adj Modulat\$6 and element\$1 and spatial AND BIT\$1 and Ram and backplane | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 10:25 |
| S39 7 | 13 | display and light adj Modulat\$6 and element\$1 and spatial AND BIT\$1 and Ram and backplane and pulse adj width | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 10:25 |
| S39 8 | 13 | display and light adj Modulat\$6 and element\$1 and spatial AND BIT\$1 and Ram and backplane and pulse adj width and control\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 11:13 |
| S39 9 | 1 | display and light adj Modulat\$6 and element\$1 and spatial AND BIT\$1 and Ram and backplane and pulse adj width and control\$6 and instruction\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 10:26 |
| S40 0 | 1 | display and light adj Modulat\$6 and element\$1 and spatial AND BIT\$1 and Ram and backplane and pulse adj width and control\$6 and instruction\$1 and map\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 10:26 |
| S40 1 | 1 | display and light adj Modulat\$6 and element\$1 and spatial AND BIT\$1 and Ram and backplane and pulse adj width and control\$6 and software and map\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 10:26 |
| S40 2 | 1 | display and light adj Modulat\$6 and element\$1 and spatial AND BIT\$1 and Ram and backplane and pulse adj width and control\$6 and program\$6 and map\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 10:27 |
| S40 3 | 1 | display and light adj Modulat\$6 and element\$1 and spatial AND BIT\$1 and Ram and backplane and pulse adj width and control\$6 and map\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 10:27 |

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|----------|-----|---|---|----|-----|------------------|
| S40 4 | 1 | display and light adj Modulat\$6 and element\$1 and spatial AND BIT\$1 and Ram and backplane and pulse adj width and control\$6 and map\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 10:28 |
| S40 6 | 13 | display and light adj Modulat\$6 and element\$1 and spatial AND BIT\$1 and Ram and backplane and pulse adj width and control\$6 and analog | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 10:51 |
| S40 7 | 540 | display and light adj Modulat\$6 and element\$1 and spatial and pixel and value and map\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 10:59 |
| S40 8 | 13 | display and light adj Modulat\$6 and element\$1 and spatial and pixel and value and map\$6 and non-binary | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 10:59 |
| S40 9 | 13 | display and light adj Modulat\$6 and element\$1 and spatial and pixel and value and map\$6 and non-binary and bit\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 11:43 |
| S41 0 | 11 | display and light adj Modulat\$6 and element\$1 and spatial and pixel and value and map\$6 and non-binary and bit\$1 and pulse and width and single | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 12:42 |
| S41 1 | 1 | display and light adj Modulat\$6 and element\$1 and spatial and pixel and value and map\$6 and non-binary and bit\$1 and pulse and width and single and backplane | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 12:43 |
| S41 2 | 11 | display and light adj Modulat\$6 and element\$1 and spatial and pixel and value and map\$6 and non-binary and bit\$1 and pulse and width and single and reduce\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 12:43 |
| S41 3 | 7 | display and light adj Modulat\$6 and element\$1 and spatial and pixel and value and map\$6 and non-binary and bit\$1 and pulse and width and single and reduce\$6 and phase\$1 and difference | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 12:44 |

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|----------|----|--|---|----|-----|------------------|
| S41 4 | 83 | device and backplane and (light and modulat\$6 and spatial) and (map\$6 and time and based and pixel and value) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:09 |
| S41 5 | 76 | device and backplane and (light and modulat\$6 and spatial) and (map\$6 and time and based and pixel and value) and generate\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:09 |
| S41 6 | 46 | device and backplane and (light and modulat\$6 and spatial) and (map\$6 and time and based and pixel and value) and (generate\$6 and pulse and width) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:10 |
| S41 7 | 46 | device and backplane and (light and modulat\$6 and spatial) and (map\$6 and first and time and based and pixel and value) and (generate\$6 and pulse and width) and (map\$6 and second and time and based and pixel and value) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:12 |
| S41 8 | 46 | device and backplane and (light and modulat\$6 and spatial) and (map\$6 and first and time and based and pixel and value and generate\$6 and pulse and width) and (map\$6 and second and time and based and pixel and value and generate\$6 and pulse and width) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:12 |
| S41 9 | 2 | device and backplane and (light and modulat\$6 and spatial) and (map\$6 and first and time and based and pixel and value and generate\$6 and pulse and width) and (map\$6 and second and time and based and pixel and value and generate\$6 and pulse and width) and (reduce and worse\$6 and phase and difference) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:13 |
| S42 0 | 2 | device and backplane and (light and modulat\$6 and spatial) and (map\$6 and first and time and based and pixel and value and generate\$6 and pulse and width) and (map\$6 and second and time and based and pixel and value and generate\$6 and pulse and width) and (reduce and worse\$6 and phase and difference) and pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:32 |

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| S42 1 | 2 | display and backplane and (light and modulat\$6 and spatial) and (map\$6 and first and time and based and pixel and value and generate\$6 and pulse and width) and (map\$6 and second and time and based and pixel and value and generate\$6 and pulse and width) and (reduce and worse\$6 and phase and difference) and pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:43 |
| S42 2 | 364 | display and backplane and light and modulat\$6 and spatial | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:48 |
| S42 3 | 1 | display and backplane and (light and modulat\$6 and spatial) and MRAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:49 |
| S42 4 | 10 | display and (light and modulat\$6 and spatial) and MRAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:49 |
| S42 5 | 10 | display and (light and modulat\$6 and spatial) and MRAM and bit\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:49 |
| S42 6 | 10 | display and (light and modulat\$6 and spatial) and MRAM and bit\$1 and arrange\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:50 |
| S42 7 | 8 | display and (light and modulat\$6 and spatial) and MRAM and (bit\$1 and arrange\$6 and column\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:50 |
| S42 8 | 6 | display and (light and modulat\$6 and spatial) and MRAM and (bit\$1 and arrange\$6 and column\$1) and driv\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:50 |
| S42 9 | 1 | display and (light and modulat\$6 and spatial) and MRAM and (bit\$1 and arrange\$6 and column\$1) and driv\$6 and opposit\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:51 |

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|----------|----|---|---|----|-----|------------------|
| S43 0 | 6 | display and (light and modulat\$6 and spatial) and MRAM and (bit\$1 and arrange\$6 and column\$1) and driv\$6 and array and first and second | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:51 |
| S43 1 | 6 | display and (light and modulat\$6 and spatial) and MRAM and (bit\$1 and arrange\$6 and column\$1) and (driv\$6 and array and first and second) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:52 |
| S43 2 | 1 | display and (light and modulat\$6 and spatial) and MRAM and (bit\$1 and arrange\$6 and column\$1) and (driv\$6 and array and first and second) and mask\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:53 |
| S43 3 | 6 | display and (light and modulat\$6 and spatial) and MRAM and (bit\$1 and arrange\$6 and column\$1) and (driv\$6 and array and first and second) and writ\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:53 |
| S43 4 | 1 | display and (light and modulat\$6 and spatial) and MRAM and (bit\$1 and arrange\$6 and column\$1) and (driv\$6 and array and first and second) and writ\$6 and ERAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:54 |
| S43 5 | 1 | display and (light and modulat\$6 and spatial) and MRAM and ERAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:54 |
| S43 6 | 1 | display and (light and modulat\$6 and spatial) and ERAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:54 |
| S43 7 | 31 | display and ERAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 15:23 |
| S43 8 | 11 | display and ERAM and MRAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:55 |
| S43 9 | 11 | display and ERAM and MRAM and mask\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:55 |

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| S44 0 | 1 | display and ERAM and MRAM and mask\$6 and light | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:55 |
| S44 1 | 11 | display and ERAM and MRAM and mask\$6 and bit\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:56 |
| S44 2 | 11 | display and ERAM and MRAM and (mask\$6 and bit\$1) and writ\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:56 |
| S44 3 | 11 | display and ERAM and MRAM and (mask\$6 and bit\$1 and arrange\$6 and column\$1) and writ\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:57 |
| S44 4 | 11 | display and ERAM and MRAM and (mask\$6 and bit\$1 and arrange\$6 and column\$1) and writ\$5 and array | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:57 |
| S44 5 | 11 | display and ERAM and MRAM and (mask\$6 and bit\$1 and arrange\$6 and column\$1) and writ\$5 and array and driv\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:57 |
| S44 6 | 11 | display and ERAM and MRAM and (mask\$6 and bit\$1 and arrange\$6 and column\$1) and writ\$5 and array and driv\$6 and opposit\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:57 |
| S44 7 | 11 | display and ERAM and MRAM and (mask\$6 and bit\$1 and arrange\$6 and column\$1) and writ\$5 and array and driv\$6 and opposit\$6 and direct\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:57 |
| S44 8 | 11 | display and ERAM and (mask\$6 and bit\$1 and arrange\$6 and column\$1) and writ\$5 and array and driv\$6 and opposit\$6 and direct\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 15:23 |
| S44 9 | 14 | display and ERAM and (software and mask\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 15:28 |

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| S45 0 | 1 | display and ERAM and (software and mask\$6) and light and modulat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 15:37 |
| S45 1 | 3 | display and ERAM and (software and mask\$6) and light | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 15:40 |
| S45 2 | 6 | display and MRAM and (software and mask\$6) and light | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 16:15 |
| S45 3 | 23 | display and MRAM and (software and mask\$6 and bit\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 16:16 |
| S45 4 | 1 | "5585816".pn. and light and modulat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/10 14:32 |
| S45 5 | 2 | "6,542,142".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 10:51 |
| S45 6 | 2 | "6,542,142".pn. and light adj modulat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/10 14:35 |
| S45 7 | 1 | "6,542,142".pn. and light adj modulat\$6 and pulse adj width adj modulat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/10 14:36 |
| S45 8 | 1 | "6,542,142".pn. and light adj modulat\$6 and pulse adj width adj modulat\$6 and electrode\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/10 14:36 |
| S45 9 | 2 | "4,364903".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/10 14:53 |

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| S46 0 | 2 | "4,364093".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/10 14:54 |
| S46 1 | 2 | "5,920,322".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/10 14:54 |
| S46 2 | 0 | "6,542,142".pn. and backplane and display and (recurs\$6 and feedback) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/10 15:16 |
| S46 3 | 0 | "6,542,142".pn. and display and (recurs\$6 and feedback) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/10 15:23 |
| S46 4 | 1 | "5585816".pn. and display and (recurs\$6 and feedback) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/10 15:25 |
| S46 5 | 1 | "5585816".pn. and display and (recurs\$6 and feedback) and pulse and width and control\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/10 15:25 |
| S46 6 | 1 | "5,585,816".pn. and light | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 07:54 |
| S46 7 | 0 | "5,585,816".pn. and light and modulate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 07:54 |
| S46 8 | 1 | "5,585,816".pn. and light and modulate\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 08:08 |
| S46 9 | 1 | "5,585,816".pn. and light and modulat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 09:15 |

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| S47 0 | 0 | "6,542,142".pn. and backplane | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 09:15 |
| S47 1 | 0 | "5,585,816".pn. and light and modulat\$6 and backplane | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 09:15 |
| S47 2 | 1 | display and light adj Modulat\$6 and element\$1 and spatial AND BIT\$1 and Ram and (backplane and pulse and width and control\$6) and map\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 09:20 |
| S47 3 | 104 | display and (recurs\$6 and feedback) and backplane | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 09:28 |
| S47 4 | 0 | display and (backplane and include\$6 and conrol and means and (recurs\$6 and feedback)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 09:29 |
| S47 5 | 1 | display and (backplane and include\$6 and conrol and (recurs\$6 and feedback)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 09:31 |
| S47 6 | 104 | display and (backplane and include\$6 and control\$6 and (recurs\$6 and feedback)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 09:33 |
| S47 7 | 0 | display and (backplane and include\$6 and control\$6 adj (recurs\$6 and feedback)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 09:32 |
| S47 8 | 2 | display and (backplane and include\$6 and control\$6 and (recurs\$6 adj feedback)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 09:32 |
| S47 9 | 2 | display and (backplane and (recurs\$6 adj feedback)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 09:32 |

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| S48 0 | 1 | display and (backplane adj include\$6 and control\$6 and (recurs\$6 and feedback)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 09:33 |
| S48 1 | 77 | display and (backplane and include\$6 adj control\$6 and (recurs\$6 and feedback)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 09:34 |
| S48 2 | 2 | "20040100680" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 09:37 |
| S48 3 | 0 | "20040100680" and feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 09:37 |
| S48 4 | 0 | "20040100680" and feedback\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 09:37 |
| S48 5 | 2 | "5,585,616".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 09:38 |
| S48 6 | 0 | "5,585,616".pn. and backplane | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/11 09:38 |